ABSTRACT

The present invention provides a mechanism type non-sectional locking buffer device, and utilizes a screw ascending descending principle as a buffering function, wherein ball bearings or outer screw grooves are configured on a central shaft of the buffer device to operate in coordination with inner screw grooves or ball bearings configured on an inner wall of the a buffer chamber. The aforementioned inner and outer screw mechanisms rely on slippage of the ball bearings in the screw grooves, therewith slowing down a jolting force from repositioning or returning of an upright support, thereby reducing buffer malfunction.